Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102921\
Data File : BF126002.D
Acq On : 29 Oct 2021 13:30
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
11/1/2021 1:37:39 PM

Quant Time: Oct 29 17:17:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 29 17:15:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	211198	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	864541	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	486729	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	895714	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	686082	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	615435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	191662	13.517	ng	-0.01
7) Phenol-d6	6.469	99	256035	13.165	ng	-0.02
23) Nitrobenzene-d5	7.410	82	206395	12.331	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	56244	13.256	ng	-0.01
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	12.951	244	459833	10.963	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	40700	5.875	ng	# 100
3) Pyridine	3.381	79	111177	6.060	ng	90
4) n-Nitrosodimethylamine	3.299	42	55985	4.758	ng	# 55
6) Aniline	6.510	93	150150	6.555	ng	# 96
8) 2-Chlorophenol	6.634	128	96107	6.715	ng	82
9) Benzaldehyde	6.398	77	83690	7.192	ng	94
10) Phenol	6.481	94	135221m	7.211	ng	
11) bis(2-Chloroethyl)ether	6.581	93	97638	6.466	ng	84
12) 1,3-Dichlorobenzene	6.793	146	103711	6.560	ng	99
13) 1,4-Dichlorobenzene	6.869	146	102468m	6.479	ng	
14) 1,2-Dichlorobenzene	7.022	146	100583	6.561	ng	95
15) Benzyl Alcohol	6.987	79	89274	6.064	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	184132	4.979	ng	98
17) 2-Methylphenol	7.098	107	80158	6.484	ng	98
18) Hexachloroethane	7.369	117	37079	6.184	ng	90
19) n-Nitroso-di-n-propyla...	7.257	70	74448	6.700	ng	# 81
20) 3+4-Methylphenols	7.251	107	107059	6.775	ng	# 79
22) Acetophenone	7.257	105	145403	6.514	ng	# 94
24) Nitrobenzene	7.428	77	101104	5.851	ng	90
25) Isophorone	7.669	82	190955	5.991	ng	# 86
26) 2-Nitrophenol	7.745	139	35384	6.315	ng	# 70
27) 2,4-Dimethylphenol	7.781	122	73586	5.914	ng	93
28) bis(2-Chloroethoxy)met...	7.881	93	128621	6.432	ng	# 96
29) 2,4-Dichlorophenol	7.987	162	73989	6.067	ng	91
30) 1,2,4-Trichlorobenzene	8.075	180	89313	6.244	ng	98
31) Naphthalene	8.157	128	279796	6.365	ng	99
32) Benzoic acid	7.845	122	30467	4.044	ng	93
33) 4-Chloroaniline	8.198	127	116303	6.420	ng	# 88
34) Hexachlorobutadiene	8.281	225	52145	5.800	ng	99
35) Caprolactam	8.534	113	24893	6.235	ng	# 49
36) 4-Chloro-3-methylphenol	8.675	107	86820	6.083	ng	95
37) 2-Methylnaphthalene	8.845	142	179564	6.346	ng	91
38) 1-Methylnaphthalene	8.945	142	179400	6.569	ng	86
40) 1,2,4,5-Tetrachloroben...	9.010	216	87217	6.505	ng	96
41) Hexachlorocyclopentadiene	9.004	237	37109	5.124	ng	93
43) 2,4,6-Trichlorophenol	9.122	196	57596	6.294	ng	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	58133	6.021	ng		96
46) 1,1'-Biphenyl	9.310	154	233203	6.541	ng		99
47) 2-Chloronaphthalene	9.334	162	170739	6.352	ng		98
48) 2-Nitroaniline	9.422	65	57455	5.985	ng	#	76
49) Acenaphthylene	9.745	152	261208	6.433	ng		97
50) Dimethylphthalate	9.604	163	193249	6.410	ng		98
51) 2,6-Dinitrotoluene	9.663	165	34943	5.876	ng	#	76
52) Acenaphthene	9.922	154	175488	6.651	ng		96
53) 3-Nitroaniline	9.828	138	44771	6.567	ng	#	71
54) 2,4-Dinitrophenol	9.933	184	10320	5.011	ng	#	78
55) Dibenzofuran	10.092	168	260408	6.608	ng		92
56) 4-Nitrophenol	9.981	139	33478	6.319	ng	#	71
57) 2,4-Dinitrotoluene	10.063	165	45049	6.167	ng	#	84
58) Fluorene	10.433	166	199503	6.790	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	49663	6.302	ng	#	87
60) Diethylphthalate	10.304	149	194946	6.339	ng		97
61) 4-Chlorophenyl-phenyle...	10.428	204	95438	6.581	ng	#	81
62) 4-Nitroaniline	10.433	138	41299	6.602	ng	#	79
63) Azobenzene	10.586	77	224954	6.342	ng		90
65) 4,6-Dinitro-2-methylph...	10.469	198	19105	5.426	ng		95
66) n-Nitrosodiphenylamine	10.539	169	173623	6.472	ng		98
67) 4-Bromophenyl-phenylether	10.916	248	60607	6.334	ng		94
68) Hexachlorobenzene	10.980	284	62227	6.169	ng		92
69) Atrazine	11.069	200	54983	6.471	ng		92
70) Pentachlorophenol	11.175	266	29062	5.103	ng		96
71) Phenanthrene	11.392	178	302978	6.519	ng		97
72) Anthracene	11.445	178	297929	6.420	ng		99
73) Carbazole	11.598	167	289440	6.561	ng		97
74) Di-n-butylphthalate	11.933	149	310168	6.600	ng		99
75) Fluoranthene	12.580	202	317294	6.772	ng		98
77) Benzidine	12.698	184	168330	7.866	ng		99
78) Pyrene	12.810	202	328562	5.146	ng		97
80) Butylbenzylphthalate	13.433	149	125147	6.026	ng		89
81) Benzo(a)anthracene	13.998	228	279042	6.043	ng		98
82) 3,3'-Dichlorobenzidine	13.957	252	103513	7.070	ng		99
83) Chrysene	14.033	228	285336	6.107	ng		98
84) Bis(2-ethylhexyl)phtha...	13.998	149	159464	7.087	ng		99
85) Di-n-octyl phthalate	14.610	149	273483	7.846	ng		98
87) Indeno(1,2,3-cd)pyrene	16.915	276	204744	4.618	ng		95
88) Benzo(b)fluoranthene	15.039	252	254494	6.265	ng		97
89) Benzo(k)fluoranthene	15.068	252	236074	6.050	ng		98
90) Benzo(a)pyrene	15.404	252	196472	5.991	ng		99
91) Dibenzo(a,h)anthracene	16.939	278	167120	4.653	ng	#	93
92) Benzo(g,h,i)perylene	17.357	276	159582	4.252	ng		93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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